

Classification Outline

The following is an outline of classifications currently utilized by the Board and list whether there is a "Trade" test. In addition, contractors are assigned a classification and a monetary limit on their license. Pursuant, T.C.A. 62-6-111(4)(d) a contractor may bid a contract in a classification other than as licensed, as long as their classification covers 60% of the total project or if they have a BC or BC-B (commercial) classification. They would be required to subcontract to a properly licensed contractor for the portion over \$25,000, not under their classification. Electrical, mechanical, plumbing and HVAC subcontractors must be licensed as contractors to perform projects in excess of \$25,000 and their license information must also be listed on the bid pursuant T.C.A. 62-6-119.

BC - BUILDING CONSTRUCTION - (Test Required)

A. Residential (BC-A) - (Test Required)

"Residential building contractors" are those whose services are limited to construction, remodeling, repair, or improvement of one, two, three, or four family unit residences not exceeding three (3) stories in height and accessory use structures in connection therewith.

Restricted Residential (BC-A/r) - (No Test)

BC-A/r is a limited licensed restricted to building tract homes where the **TOTAL** amount is \$70,000. In lieu of an exam, they must take the limited license course with a community technical college. They may not joint venture; no 10% bid tolerance; and cannot perform home improvement work. In order to increase above \$70,000, they must take the Business and Law exam, a trade exam, and submit a reviewed financial statement prepared by a CPA.

B. Commercial (BC-B) - (Test Required)

A commercial building contractor is authorized to bid on and contract for the construction, erection, alteration, repair or demolition of any building or structure for use and occupancy by the general public, including residential construction with more than four (4) units or greater than three (3) stories in height.

b. Small Commercial (BC-b) - (Test Required)

A small commercial building contractor is authorized to bid on and contract for the construction, erection, alteration, repair or demolition of any building or structure for use and occupancy by the general public where the total cost of which does not exceed seven hundred fifty thousand dollars (\$750,000.00).

C. Industrial (BC-C) - (Test Required)

A contractor under this classification is authorized to bid on and contract for the erection, alteration, repair and demolition of buildings or structures used for industrial production and service, such as manufacturing plants.

BC BUILDING SUBCATEGORIES – (No Test Required for five (5) or less of the following subcategories; classification approved based upon experience and equipment)

1. Acoustical Treatments
2. Carpentry, Framing and Millwork, etc.
3. Drywall
4. Floor Covering
5. Foundations
6. Glass, Window and Door Construction
7. Institutional and Recreational Equipment
8. Lathe, Plaster and Stucco
9. Masonry
10. Ornamental and Miscellaneous Metal
11. Painting, Interior Decorating
12. Roof Decks
13. Site and Subdivision Development
14. Special Coatings and Waterproofing
15. Tile, Terrazzo and Marble
16. Insulation
17. Elevators, Escalators, and Dumbwaiters
18. Erection and Fabrication of Structural Steel
19. Concrete
20. Sheet Metal
21. Roofing
22. Conveyors

23. Sandblasting
24. Golf Courses
25. Tennis Courts
26. Swimming Pools
27. Outdoor Advertising
28. Excavation
29. Landscaping
30. Fencing
31. Demolition
32. Millwright
33. Irrigation

***Example:** A contractor with a full **BC** classification is considered licensed to bid and perform “residential, commercial and industrial building, as well as, any of the 33 listed building subcategories. A contractor with a **BC-A** would be licensed for “residential” building, as well as any of the 33 subcategories. A contractor with a **BC-31 classification** would be licensed for “demolition”, only.*

HC - HEAVY CONSTRUCTION (No Test - for HC or any of the HC subcategories)

- A. Marine (**HC-A**)
(Wharves, Docks, Harbor Improvements and Terminals)
- B. Tunnel and Shaft (**HC-B**)
- C. Energy and Power Plants (**HC-C**)
- D. Dams, Dikes, Levees and Canals (**HC-D**)
- E. Mining Surface and Underground (**HC-E**)
- F. Oil Field Construction (**HC-F**)
- G. Oil Refineries (**HC-G**)

Heavy Construction Categories (Apply to All Areas)

1. Structural Steel Erection
2. Tower and Stack Construction
3. Foundation Construction, Pile Driving, Foundation Drilling, and Stabilization
4. Demolition and Movement of Structures
5. Clearing, Grubbing, Snagging and Rip Rap
6. Slipform Concrete Structures
7. Rigging and Crane Rigging
8. Welding

***Example:** A contractor with a full **HC** classification may perform all heavy construction; a contractor with a **HC-A** may perform “marine” work; **HC-A-1**, may perform “marine” and “structural steel erection”.*

HRA - HIGHWAY, RAILROAD AND AIRPORT CONSTRUCTION (No Test – for HRA or HRA subcategories)

- A. Grading and Drainage (**HRA-A**)
Includes grading, drainage pipe and structures, clearing and grubbing.
- B. Base and Paving (**HRA-B**)
 1. Base Construction
 2. Hot and Cold Mix Asphalt
 3. Surface Treatment Asphalt
 4. Concrete Paving
- C. Bridges and Culverts (**HRA-C**)
 1. Painting
 2. Repair
 3. Demolition
 4. Bridge Deck Overlay (Sealant)
 5. Guniting
 6. Cofferdam
 7. Steel Erection
- D. Railroad Construction and Related Items (**HRA-D**)
- E. Miscellaneous and Specialty Items (**HRA-E**)
 1. Traffic Safety
 - (a) Pavement Markers

- (b) Signing
- (c) Guardrail and Fencing
- (d) Attenuators, signalization and roadway lighting
- 2. Landscaping
Includes seeding, sodding, planting, and chemical weed and brush control.
- 3. Pavement Rehabilitation
Includes pressure grouting, grinding and grooving, concrete joints, and underdrains.
- 4. Well Drilling
- 5. Miscellaneous Concrete
Includes sidewalks, driveways, curb and gutter, and box culverts.

MU - MUNICIPAL AND UTILITY CONSTRUCTION – *(No Test - for MU subcategories, except for a full MU or MU-B classification)*

Municipal and Utility Construction includes all supervision, labor, material and equipment to complete underground piping, water and sewer plants and sewer disposal, grading and drainage, and paving (unless restricted to specific areas named).

A. Underground Piping (MU-A)

Furnish supervision, labor, material and equipment to complete all underground piping for municipal and utility construction (unless restricted to specific areas names).

- 1. Gas Distribution and Transmission Lines
- 2. Sewer Lines, Storm Drains, Rehabilitation and Structures
- 3. Waterlines
- 4. Underground Conduit

B. Water and Sewer Systems* (MU-B)

* requires a BC-B or commercial or industrial trade exam to construct water and sewer plants.

C. Grading and Drainage (MU-C)

Includes grading, drainage pipe and structures, clearing and grubbing.

D. Base and Paving (MU-D)

- 1. Base Construction
- 2. Hot and Cold Mix Asphalt
- 3. Surface Treatment Asphalt
- 4. Concrete Pavement
- 5. Miscellaneous Concrete (includes sidewalks, driveways, curb and gutter, and box culverts)

Example: A contractor with a full **MU** classification may perform all the above under municipal utility construction; a contractor with a **MU-A, 3** is licensed to perform underground piping for “waterlines”.

CMC - MECHANICAL CONTRACTING (formerly MC; “C” in front of “M” means tested prior to 1992 – statewide certification law went into effect) - **(Test Required for full CMC)**

- A. Plumbing and Gas Piping (**CMC-A**) - **(Test Required)**
- B. Process Piping (**CMC-B**) – **(No Test)**
- C. HVAC, Refrigeration and Gas Piping (**CMC-C**) - **(Test Required)**
 - 1. Solar HVAC (geothermal) – **(Test Required – CMC-C)**
- D. Sprinklers & Fire Protection (must register with Fire Prevention) - (**CMC-D**) - **(Test Required)**
- E. Insulation of Mechanical Work (**CMC-E**) – **(No Test)**
- F. Pollution Control (**CMC-F**) – **(No Test)**
- G. Pneumatic Tube Systems (**CMC-G**) – **(No Test)**
- H. Temperature Controls (Pneumatic) (**MC-H**) - **(No Test)**
- I. Boiler Construction & Repairs (**CMC-I**) - **(No Test)**
- J. Fuel Gas Piping and Systems (**CMC-J**) - **(No Test)**

Example: A contractor with a full mechanical, **CMC** classification is licensed to perform all mechanical subcategories. A contractor with a **CMC-A** may perform “plumbing” and considered statewide certified (do not have to re-test with each county). A contractor with **CMC-E** may perform “insulation” of mechanical work, only. A contractor with **CMC-C** may perform “HVAC”.

CE - Electrical Contracting (formerly E; the “C” in front of “E” means tested after May, 1992) **(Test Required for full CE)**

- A. Electrical Transmission Lines (**CE-A**) - **(Test Required – High Voltage)**
- B. Electrical Work for Buildings and Structures - **(Test Required – full CE)**
- C. Underground Electrical Conduit Installation (**CE-C**) – **(No Test for Low Voltage – 70 volts)**

- D. Sound and Intercom Systems, Fire Detection Systems, Signal and Burglar Alarm Systems and Security **(CE-D) – (No Test Required for Low Voltage/up to 70 volts)**
- E. Electrical Signs **(CE-E) – (Test Required if more than 70 volts)**
- F. Telephone Lines and Ducts **(CE-F) – (No Test Required; Low Voltage)**
- G. Cable T.V. **(CE-G) – (No Test)**
- H. Substations **(CE-H) – (Test Required for High Voltage)**
- I. Electrical Temperature Controls **(CE-I) - (No Test)**
- J. Fire Detection Systems, Signal and Burglar Alarm Systems and Security Systems with conduit and wiring above (70) volts require an electrical exam. **(CE-J) - (Test Required – CE)**
- K. Roadway Lighting, Attenuators and Signalization - requires electrical examination. **(CE-K) – (Test Required – CE)**

Example: A contractor with a **CE** is considered licensed as a full electrical contractor. A contractor with a **CE-D** means the contractor may perform low voltage wiring, only.

S- Specialty/Environmental - (No Test; based upon experience, training and certifications)

- A. Asbestos Material Handling/Removing **(S-A or S-Asbestos)**
- B. Underground Storage Tank **(S-B or S-UST)**
- C. Lead-Based Paint Abatement **(S-C or S-Lead)**
- D. Hazardous Waste Removal **(S-D or S-Hazardous)**
- E. Air, Water or Soil Remediation **(S-E or S-Remediation)**

S-Specialty/Medical Gas Piping (S-Medical Gas Piping) – (No Test Required)

Installation, maintenance and repair work falling within the regulation of medical gas piping pursuant to Tennessee Code Annotated, Section 68-11-253.

A. Medical Gas Piping Installer Certification Requirements.

1. The minimum qualifications for board certification are the qualifications for certification established by the American Medical Gas Institute (AMGI) or the Piping Industry Progress and Education Trust Fund (PIPE). A minimum of thirty-two (32) hours of training, with eight (8) of brazing.

S - Specialty (Specified) – (No Test for “S” specialty classifications)

The Board reserves the right to depart from the classification system in appropriate individual cases and the following are examples.

S-Telecommunication / Cell Towers

S-Equipment Installation

S-Mold Remediation

S-Telecommunications

S-Mowing and Tree Trimming

S-Audio Visual Installation

(NOTE: The above is an abbreviated list of specialties and does not include all specialty classifications assigned to contractors by the Board.)

Compilation from *Rule 0680.1--.16* and may be reviewed at the Tennessee Secretary of State's web address at: <http://www.state.tn.us/sos/rules/0680/0680.htm>.

Law for Contractors – Click onto “Tennessee” as jurisdiction:

<http://www.michie.com/>

Contractors Board Website:

<http://www.state.tn.us/commerce/boards/contractors/index.html>

License Roster Search:

<http://licsrch.state.tn.us/>